

=> IFW: Scan as Doc Code: SRNT <=  
Doc Date:

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

### **Serial Number:**

- 1.) See attached printout of inventors listed in  
PALM**
  
- 2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

Day : Monday  
Date: 4/24/2006  
Time: 08:56:08

## PALM INTRANET

# Inventor Information for 10/728904

Inventor Name	City	State/Country
ANDO, HARU	KODAIRA	JAPAN
SEKIMOTO, NOBUHIRO	KOKUBUNJI	JAPAN
HASEGAWA, TAKASHI	TOKYO	JAPAN

[Appln Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity Data](#) [Foreign Data](#)

Search Another: Application#   or Patent#    
PCT /  /   or PG PUBS #    
Attorney Docket #    
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

US 20060078299 A1	US- PGPUB	20060413	17	Automatic broadcast program recorder	386/83	725/58	Hasegawa; Takashi
US 20060011810 A1	US- PGPUB	20060119		Wide dynamic range imager with selective readout	250/208.1		Ando; Haruhisa et al.
US 20050271179 A1	US- PGPUB	20051208	22	Multi-strobe generation apparatus, test apparatus and adjustment method	375/371		Hasegawa, Takashi et al.
US 20050211260 A1	US- PGPUB	20050929		Cigarette filter	131/334	131/331	Sasaki, Takashi et al.
US 20050161054 A1	US- PGPUB	20050728		Cigarette filter	131/332	131/331	Sasaki, Takashi et al.
US 20050151866 A1	US- PGPUB	20050714		Wide dynamic range operations for imaging	348/297	348/272	Ando, Haruhisa et al.
US 20050145260 A1	US- PGPUB	20050707		Filter for smoking	131/331	131/202; 131/207	Inagaki, Michihiro et al.
US 20050052256 A1	US- PGPUB	20050310		Two-port isolator, characteristic adjusting method therefor, and communication apparatus	333/24.2	333/1.1	Hasegawa, Takashi et al.
US 20050028281 A1	US- PGPUB	20050210		Rising-type bed apparatus and mattress	5/618	5/619	Ooyama, Kei et al.
US 20050021665 A1	US- PGPUB	20050127		Content delivery server, terminal, and program	709/217	715/865	Sekimoto, Nobuhiro et al.
US 20050000526 A1	US- PGPUB	20050106		Cigarette and cigarette filter	131/200	131/331; 131/360	Tarora, Masafumi et al.
US 20040254983 A1	US- PGPUB	20041216		Information management server and information distribution system	709/204	709/223	Ando, Haru et al.
US 20040233313 A1	US- PGPUB	20041125		Linear-logarithmic pixel sensors and gain control circuits therefor	348/308		Ando, Haruhisa et al.
US 20040214950 A1	US- PGPUB	20041028		Curable composition	525/88		Nakamura, Seigo et al.
US 20040207479 A1	US- PGPUB	20041021		Two-port isolator and communication device	333/24.2	333/1.1	Hasegawa, Takashi
US	US-	20040805		Learning condition	434/308	434/362	Ando, Haru

20040152060 A1	PGPUB			judging program and user condition judging system			et al.
US 20040056731 A1	US- PGPUB	20040325		Nonreciprocal circuit device and communication device using same	333/1.1	333/24.2	Hasegawa, Takashi
US 20040052275 A1	US- PGPUB	20040318		Recording apparatus, video camera and computer program	370/503		Murakami, Tomokazu et al.
US 20040038670 A1	US- PGPUB	20040226		Mail server, program and mobile terminal for realizing the mail server	455/412.1		Ando, Haru et al.
US 20040032306 A1	US- PGPUB	20040219		Three-port nonreciprocal circuit device and communication apparatus	333/24.2	333/1.1	Hasegawa, Takashi
US 20040004521 A1	US- PGPUB	20040108		Two port type isolator and communication device	333/24.2	333/1.1	Hasegawa, Takashi
US 20030220490 A1	US- PGPUB	20031127		Cell membrane directed drugs	536/23.5		Kuriyama, Shinichi et al.
US 20030204476 A1	US- PGPUB	20031030		Accounting process server, key output program, and terminal	705/71		Murakami, Tomokazu et al.
US 20030188964 A1	US- PGPUB	20031009		Sputtering target and method for fabricating the same	204/192.17	204/192.12; 204/192.15; 204/298.12; 427/455	Hasegawa, Takashi
US 20030172188 A1	US- PGPUB	20030911		Virtual local area network connecting equipment	709/249	370/401	Hasegawa, Takashi et al.
US 20030156689 A1	US- PGPUB	20030821		Method and system for acquiring information with voice input	379/88.01	379/88.16	Ando, Haru et al.
US 20030156379 A1	US- PGPUB	20030821		Laminated substrate, method of producing the same, nonreciprocal circuit element, and communication device	361/313	156/267	Hasegawa, Takashi
US 20030148241 A1	US- PGPUB	20030807		Combustion apparatus	431/354		Shimazu, Masahiko et al.
US 20030143507 A1	US- PGPUB	20030731		Combustion apparatus	431/354		Kuriyama, Yasutaka et al.
US	US-	20030619		Method for making	427/212	427/372.2	Hasegawa,

20030113446 A1	PGPUB			dielectric ceramic material powder and dielectric ceramic material powder prepared thereby			Takashi et al.
US 20030067365 A1	US- PGPUB	20030410		Nonreciprocal circuit element and communication device	333/24.2	333/1.1	Kawanami, Takashi et al.
US 20020196092 A1	US- PGPUB	20021226		Non-reciprocal circuit device and communication apparatus	333/1.1	333/24.2	Kawami, Takashi et al.
US 20020187829 A1	US- PGPUB	20021212		Cooperation service method of contents viewing/listening and an attraction, and contents receiver and attraction system which are used for this method	463/29		Hasegawa, Takashi
US 20020186301 A1	US- PGPUB	20021212		Method of the cooperation service, contents receiver and attraction system	348/207.99	348/143	Hasegawa, Takashi
US 20020170383 A1	US- PGPUB	20021121		Hydraulic controller for transmission	74/606R	474/28	Fujikawa, Atsushi et al.
US 20020167371 A1	US- PGPUB	20021114		Nonreciprocal circuit device and communication apparatus	333/1.1		Hasegawa, Takashi
US 20020158703 A1	US- PGPUB	20021031		Nonreciprocal circuit device and communication apparatus using same	333/1.1	333/134; 333/24.2	Hasegawa, Takashi
US 20020149437 A1	US- PGPUB	20021017		Irreversible circuit component and communication device	333/1.1	333/24.2	Hasegawa, Takashi
US 20020145496 A1	US- PGPUB	20021010		NON- RECIPROCAL CIRCUIT ELEMENT, COMMUNICATION DEVICE, AND METHOD OF MANUFACTURING NON- RECIPROCAL ELEMENT.	335/229		Hasegawa, Takashi
US 20020140517 A1	US- PGPUB	20021003		Method of manufacturing a nonreciprocal device	333/1.1	333/24.2	Makino, Toshihiro et al.
US	US-	20020926		Windshield wiper	15/250.04	15/250.351;	Hasegawa,

20020133893 A1	PGPUB			device mounting washer nozzle and hose		15/250.352; 425/577	Takashi et al.
US 20020133823 A1	US- PGPUB	20020919		Broadcasting program displaying system and device	725/58	725/39	Sekimoto, Nobuhiro et al.
US 20020097879 A1	US- PGPUB	20020725		Broadcasting method and broadcast receiver	380/278		Hasegawa, Takashi
US 20020097104 A1	US- PGPUB	20020725		Method of manufacturing nonreciprocal circuit device, nonreciprocal circuit device, and communication apparatus	333/1.1	333/24.2	Nakagawa, Yasuhiro et al.
US 20020089389 A1	US- PGPUB	20020711		Method for manufacturing nonreciprocal circuit device, nonreciprocal circuit device, and communication apparatus incorporating the same	333/1.1	333/24.2	Hasegawa, Takashi
US 20020070819 A1	US- PGPUB	20020613		Nonreciprocal circuit device, communication apparatus, and method for manufacturing nonreciprocal circuit device	333/1.1		Hasegawa, Takashi
US 20020067219 A1	US- PGPUB	20020606		Irreversible circuit component and communication device	333/1.1	333/24.2	Hasegawa, Takashi
US 20020056902 A1	US- PGPUB	20020516		Nonreciprocal circuit device and communication device using same	257/690		Hasegawa, Takashi et al.
US 20020047663 A1	US- PGPUB	20020425		Center electrode assembly, nonreciprocal circuit device, and communication apparatus	315/366		Ohira, Katsuyuki et al.
US 20020038239 A1	US- PGPUB	20020328		Coupon issue system	705/14		Hasegawa, Takashi et al.
US 20020024400 A1	US- PGPUB	20020228		Nonreciprocal circuit device and communication device	333/1.1	333/24.2	Hasegawa, Takashi
US 20020021181	US- PGPUB	20020221		Nonreciprocal circuit device and	333/24.2	333/32	Hasegawa, Takashi

A1				communication apparatus incorporating the same			
US 20010033212 A1	US-PGPUB	20011025		Nonreciprocal circuit device and communications apparatus incorporating the same	335/4		Ohira, Katsuyuki et al.
US 20010020883 A1	US-PGPUB	20010913		Nonreciprocal circuit device and communication device using same	336/175	336/170	Hasegawa, Takashi
US 20010020877 A1	US-PGPUB	20010913		Nonreciprocal circuit device and communication device using same	333/1.1	333/24.2	Hasegawa, Takashi et al.
US 20010019296 A1	US-PGPUB	20010906		Nonreciprocal circuit device and communication device using same	335/78		Hasegawa, Takashi
US 20010019295 A1	US-PGPUB	20010906		Nonreciprocal circuit device, nonreciprocal circuit and communication device	333/1.1	333/24.2	Hasegawa, Takashi
US 7019074 B2	USPAT	20060328		Curable composition	525/63	525/92F; 525/92G	Nakamura; Seigo et al.
US 7017210 B2	USPAT	20060328		Rising-type bed apparatus and mattress	5/619	5/613; 5/618; 5/942	Ooyama; Kei et al.
US 7003213 B1	USPAT	20060221		Automatic broadcast program recorder	386/83	386/125; 386/95; 725/58	Hasegawa; Takashi
US 6971166 B2	USPAT	20051206		Method of manufacturing a nonreciprocal device	29/848	264/1.7; 264/478; 29/602.1; 29/607; 29/858; 438/106; 438/107; 438/112	Makino; Toshihiro et al.
US 6965276 B2	USPAT	20051115		Two port type isolator and communication device	333/24.2	333/1.1	Hasegawa; Takashi
US 6900704 B2	USPAT	20050531		Two-port isolator and communication device	333/24.2	333/1.1	Hasegawa; Takashi
US 6888432 B2	USPAT	20050503		Laminated substrate, method of producing the same, nonreciprocal circuit element, and communication device	335/78	361/321.1	Hasegawa; Takashi
US 6882262	USPAT	20050419		Nonreciprocal circuit	336/200	333/1.1	Hasegawa;

B2				device and communication device using same			Takashi
US 6880227 B2	USPAT	20050419		Method for manufacturing nonreciprocal circuit device, nonreciprocal circuit device, and communication apparatus incorporating the same	29/592.1	29/601; 333/1.1; 333/24.2	Hasegawa; Takashi
US 6861922 B2	USPAT	20050301		Nonreciprocal circuit device including two series resonant circuits having differing resonant frequencies	333/24.2	333/1.1	Hasegawa; Takashi
US 6842939 B1	USPAT	20050118		Wiper pivot device	15/250.31	15/250.3; 403/DIG.3	Hasegawa; Takashi et al.
US 6829816 B2	USPAT	20041214		Method of manufacturing nonreciprocal circuit device	29/602.1	219/121.68; 219/121.69; 219/121.72; 219/68; 29/607	Nakagawa; Yasuhiro et al.
US 6828870 B2	USPAT	20041207		Nonreciprocal circuit device having a casing comprising two members of different thicknesses	333/1.1	333/24.2	Hasegawa; Takashi
US D498216 S	USPAT	20041109		Television receiver	D14/126	D14/239	Takami; Mitsuru et al.
US 6816027 B2	USPAT	20041109		Three-port nonreciprocal circuit device and communication apparatus	333/24.2	333/1.1	Hasegawa; Takashi
US 6804854 B2	USPAT	20041019		Windshield wiper device mounting washer nozzle and hose	15/250.04	15/250.351; 239/284.1	Hasegawa; Takashi et al.
US 6798311 B2	USPAT	20040928		Nonreciprocal circuit device with a solenoid-shaped inductor generating perpendicular flux	333/24.2	333/1.1	Hasegawa; Takashi
US 6786717 B2	USPAT	20040907		Combustion apparatus	431/354	126/92R; 431/278; 431/285; 431/328	Shimazu; Masahiko et al.
US 6782549 B1	USPAT	20040824		Programme retrieval system and method, and storage in which	725/38	348/731; 725/134; 725/151	Hasegawa; Takashi

				programme retrieval program is stored			
US 6746236 B2	USPAT	20040608		Combustion apparatus	431/354	431/278	Kuriyama; Yasutaka et al.
US 6734753 B2	USPAT	20040511		Nonreciprocal circuit element and communication device	333/24.2	333/1.1	Kawanami; Takashi et al.
US D488784 S	USPAT	20040420		Television receiver	D14/126		Takami; Mitsuru et al.
US 6724276 B2	USPAT	20040420		Non-reciprocal circuit device and communication apparatus	333/1.1	333/24.2	Kawanami; Takashi et al.
US 6724275 B2	USPAT	20040420		Nonreciprocal circuit device and communication apparatus	333/1.1	333/24.2	Hasegawa; Takashi
US D488139 S	USPAT	20040406		Television receiver	D14/126		Takami; Mitsuru et al.
US D487731 S	USPAT	20040323		Television receiver	D14/126		Takami; Mitsuru et al.
US 6710672 B2	USPAT	20040323		Nonreciprocal circuit device, communication apparatus, and method for manufacturing nonreciprocal circuit device	333/1.1	333/24.2	Hasegawa; Takashi
US D486804 S	USPAT	20040217		Television receiver	D14/126	D14/129	Takami; Mitsuru et al.
US 6674354 B2	USPAT	20040106		Non-reciprocal circuit element, communication device, and method of manufacturing non-reciprocal circuit element	336/200	333/1.1; 336/83	Hasegawa; Takashi
US 6655232 B2	USPAT	20031202		Hydraulic controller for transmission	74/606R	474/28	Fujikawa; Atsushi et al.
US 6650198 B2	USPAT	20031118		Irreversible circuit component and communication device	333/24.2	333/1.1	Hasegawa; Takashi
US 6642831 B2	USPAT	20031104		Nonreciprocal circuit device and communication device using same	336/200	333/1.1	Hasegawa; Takashi
US 6639485 B2	USPAT	20031028		Nonreciprocal circuit device and communication device using same	333/24.2	333/1.1	Hasegawa; Takashi et al.

US 6633204 B1	USPAT	20031014		Nonreciprocal circuit device and communication apparatus	333/1.1	333/24.2	Makino; Toshihiro et al.
US 6614324 B2	USPAT	20030902		Center electrode assembly, nonreciprocal circuit device, and communication apparatus	333/1.1	333/24.2	Ohira; Katsuyuki et al.
US 6612134 B1	USPAT	20030902		Method of curing coated optical fibers	65/430	65/432	Shimoda; Koji et al.
US 6603369 B2	USPAT	20030805		Nonreciprocal circuit device and communications apparatus incorporating the same	333/1.1	333/24.2	Ohira; Katsuyuki et al.
US 6597257 B1	USPAT	20030722		Nonreciprocal circuit device and communication apparatus incorporating same	333/24.2	333/1.1	Kawanami; Takashi et al.
US 6590467 B2	USPAT	20030708		Nonreciprocal circuit device with wide interconductors spacing orthogonal to yoke sidewalls	333/1.1	333/24.2	Hasegawa; Takashi
US 6583681 B1	USPAT	20030624		Nonreciprocal circuit device with vertical capacitors above half thickness of the ferrite	333/1.1	333/24.2	Makino; Toshihiro et al.
US 6580333 B2	USPAT	20030617		Nonreciprocal circuit device for a communication apparatus with matching capacitors having specific self-resonance	333/1.1	333/24.2	Hasegawa; Takashi
US 6580148 B2	USPAT	20030617		Nonreciprocal circuit device and communication device using same	257/533	174/35MS; 174/52.1; 257/528; 257/531; 257/698; 333/1.1; 333/239; 333/24.2	Hasegawa; Takashi et al.
US 6570588 B1	USPAT	20030527		Editing support system including an interactive interface	715/728	715/710	Ando; Haru et al.
US 6549887	USPAT	20030415		Apparatus capable of	704/271	345/474;	Ando; Haru

B1				processing sign language information		715/723	et al.
US 6545558 B2	USPAT	20030408		Nonreciprocal circuit component and communication device with a resin member having electrode-thick convexity	333/1.1	333/24.2	Hasegawa; Takashi
US 6509930 B1	USPAT	20030121		Circuit for scan conversion of picture signal using motion compensation	348/452	348/448; 348/700	Hirano; Yasuhiro et al.
US 6501511 B2	USPAT	20021231		Broadcasting program displaying device for receiving and displaying a program video and property information	348/553	348/563; 348/569; 725/49; 725/68	Sekimoto; Nobuhiro et al.
US 6500646 B1	USPAT	20021231		Cell membrane-directed drugs	435/69.7	424/450; 424/9.321; 435/252.3; 435/320.1; 435/325; 435/6; 435/69.6; 514/12; 514/2; 514/44; 530/324; 530/350; 530/380; 530/383; 530/384	Kuriyama; Shinichi et al.
US 6477495 B1	USPAT	20021105		Speech synthesis system and prosodic control method in the speech synthesis system	704/268	704/260	Nukaga; Nobuo et al.
US 6473136 B1	USPAT	20021029		Television broadcast transmitter/receiver and method of transmitting/receiving a television broadcast	348/723	348/578; 348/584; 348/589; 348/600; 348/722; 348/724; 386/45; 386/46; 725/36; 725/67	Hasegawa; Takashi et al.
US 6469588 B1	USPAT	20021022		Nonreciprocal device with solder resist film on the ground terminal	333/1.1	333/24.2	Makino; Toshihiro et al.

US 6430064 B1	USPAT	20020806		Non-contact power supply device	363/24	363/22; 363/97	Tsuchimoto; Ryouichi et al.
US 6407776 B1	USPAT	20020618		Broadcasting program displaying system and program displaying device for receiving and displaying a program video and property information	348/553	348/563; 348/569; 725/49; 725/68	Sekimoto; Nobuhiro et al.
US 6366178 B1	USPAT	20020402		Non-reciprocal circuit device with capacitor terminals integral with the ground plate	333/1.1	333/24.2	Makino; Toshihiro et al.
US 6222425 B1	USPAT	20010424		Nonreciprocal circuit device with a dielectric film between the magnet and substrate	333/1.1	333/24.2	Okada; Takekazu et al.
US 6092234 A	USPAT	20000718		Method and device for determining thresholds of metric values used in Viterbi synchronization evaluation circuits	714/789		Azakami; Hiroshi et al.
US 6087905 A	USPAT	20000711		Nonreciprocal circuit device having a low-pass filter formed on a spacer	333/1.1	333/24.2	Makino; Toshihiro et al.
US 6084169 A	USPAT	20000704		Automatically composing background music for an image by extracting a feature thereof	84/600	84/477R; 84/636; 84/668; 84/DIG.12	Hasegawa; Takashi et al.
US 6075829 A	USPAT	20000613		Digital broadcast receiver	375/344	329/304; 375/325; 375/326; 375/327; 375/329; 455/260	Hayashi; Yoshikazu et al.
US 6068411 A	USPAT	20000530		Distortion characteristic and yield of semiconductor laser module	385/88	385/89; 385/90; 385/91; 385/94	Ando; Haruyasu
US 5996673 A	USPAT	19991207		Header tape for curtains and the like	160/348	160/DIG.7	Iban; Satiago E. Rosa et al.
US 5966129 A	USPAT	19991012		System for, and method of displaying an image of an object responsive to an operator's command	345/418	345/419	Matsukuma; Nobuhiko et al.
US 5926073	USPAT	19990720		Nonreciprocal circuit	333/1.1	333/24.2	Hasegawa;

A				device comprising first and second ferromagnetic bodies having different saturation magnetizations			Takashi et al.
US 5911100 A	USPAT	19990608		Image forming apparatus having transfer drum with peeling member	399/303	271/900	Hasegawa; Takashi et al.
US 5896563 A	USPAT	19990420		Transmitting and receiving switch comprising a circulator and an automatic changeover switch which includes an impedance circuit	455/82	333/1.1; 333/104; 455/83	Kawanami; Takashi et al.
US 5867310 A	USPAT	19990202		Revolver assembly of a microscope	359/381	359/380; 359/384; 359/821	Hasegawa; Takashi
US 5864808 A	USPAT	19990126		Erroneous input processing method and apparatus in information processing system using composite input	704/251	704/211; 704/231; 704/275; 704/276	Ando; Haru et al.
US 5838209 A	USPAT	19981117		Nonreciprocal junction circuit element having different conductor intersecting angles	333/1.1	333/24.2	Okada; Takekazu et al.
US 5821830 A	USPAT	19981013		Non-reciprocal circuit element	333/1.1	333/24.2	Hasegawa; Takashi
US 5786736 A	USPAT	19980728		Non-reciprocal circuit element	333/1.1	333/24.2	Dejima; Hiroki et al.
US 5777614 A	USPAT	19980707		Editing support system including an interactive interface	715/729		Ando; Haru et al.
US 5774024 A	USPAT	19980630		Microwave non-reciprocal circuit element	333/1.1	333/238	Marusawa; Hiroshi et al.
US 5748052 A	USPAT	19980505		Nonreciprocal circuit element	333/1.1	333/24.2	Hasegawa; Takashi
US 5745014 A	USPAT	19980428		Nonreciprocal circuit element	333/1.1	333/24.2	Okada; Takekazu et al.
US 5742873 A	USPAT	19980421		Image forming apparatus and oil cleaning member	399/98	399/101; 399/303	Kubo; Takahiro et al.
US 5703146 A	USPAT	19971230		Curable composition containing an	523/200	427/407.1; 524/297;	Iwakiri; Hiroshi et al.

				oxypropylene polymer and calcium carbonate which has been surface treated with a fatty acid		524/425; 524/588; 524/788; 524/860; 524/863	
US 5697032 A	USPAT	19971209		Transfer drum having a pushing member for increasing the contact width of the transfer region	399/302	399/313	Kimura; Yoichi et al.
US 5689790 A	USPAT	19971118		Image forming apparatus with space particle layer formed on transfer drum	399/343	399/303; 399/364	Kubo; Takahiro et al.
US 5663414 A	USPAT	19970902		Benzenesulfonamide derivatives	564/80	564/123; 564/161; 564/163; 564/84; 564/86	Oinuma; Hitoshi et al.
US 5659842 A	USPAT	19970819		Image forming apparatus	399/66	399/303	Hasegawa; Takashi et al.
US 5657467 A	USPAT	19970812		Non-volatile semiconductor memory device with instruction issue during busy cycle	711/103	365/189.04; 711/168	Hasegawa; Takashi
US 5652650 A	USPAT	19970729		Color image apparatus including a plurality of developing devices having a particular sequence of operation	399/226		Menjo; Takeshi et al.
US 5638032 A	USPAT	19970610		Nonreciprocal circuit element	333/1.1	333/24.2	Hasegawa; Takashi
US 5619746 A	USPAT	19970408		Image forming apparatus having recording material bearing member	399/298	399/101	Kubo; Takahiro et al.
US 5608932 A	USPAT	19970311		Articulated bed apparatus	5/611	5/600; 5/613; 5/616; 5/618	Hasegawa; Takashi
US 5606061 A	USPAT	19970225		Thioformamide derivatives	546/121		Kabasawa; Yasuhiro et al.
US 5605907 A	USPAT	19970225		Cyclohexane derivatives	514/300	546/121	Kabasawa; Yasuhiro et al.
US 5600765 A	USPAT	19970204		Display system capable of accepting user commands by use of voice and gesture inputs	345/668	715/500.1	Ando; Haru et al.
US 5600421	USPAT	19970204		Image forming	399/66	399/299;	Takekoshi;

A				apparatus		399/303; 399/310	Nobuhiko et al.
US 5598256 A	USPAT	19970128		Image forming apparatus	399/316	399/66	Kimura; Yoichi et al.
US 5589926 A	USPAT	19961231		Color image forming apparatus for forming a color image by transferring color toner to transfer member	399/302	399/225	Murasawa; Yoshihiro et al.
US 5589920 A	USPAT	19961231		Image forming apparatus in which plural transfer media are carried concurrently	399/145	399/298	Kubo; Takahiro et al.
US 5557383 A	USPAT	19960917		Image forming apparatus having recording material carrying means	399/43	347/104	Hasegawa; Takashi et al.
US 5550620 A	USPAT	19960827		Image forming apparatus with attraction charger having first and second electrodes	399/304	399/310	Kimura; Yoichi et al.
US 5548378 A	USPAT	19960820		Image operating apparatus providing image stabilization control	399/13	399/44	Ogata; Takao et al.
US 5537193 A	USPAT	19960716		Image forming apparatus with recording sheet separating device	399/398	271/900	Hasegawa; Takashi et al.
US 5530118 A	USPAT	19960625		Benzenesulfonamide derivatives	540/364	540/473; 540/482; 540/575; 540/605; 544/106; 544/358; 546/244; 546/264; 548/557	Oinuma; Hitoshi et al.
US 5523830 A	USPAT	19960604		Oil removing means for transfer material support member	399/297		Tamura; Satoshi et al.
US 5515154 A	USPAT	19960507		Color image forming apparatus	399/303	399/167	Hasegawa; Takashi et al.
US 5498634 A	USPAT	19960312		Thioformamide derivatives	514/459	544/149; 546/207; 549/404; 549/424	Kabasawa; Yasuhiro et al.
US 5478839 A	USPAT	19951226		Cyclohexane derivatives	514/300	546/118; 546/121;	Kabasawa; Yasuhiro et al.

						560/13	al.
US 5444066 A	USPAT	19950822		Thioformamide derivatives having hypotensive activity	514/300	514/303; 544/105; 544/236; 544/277; 544/350; 544/48; 546/118; 546/121	Kabasawa; Yasuhiro et al.
US 5419947 A	USPAT	19950530		Non-reciprocal circuit elements	428/209	333/1.1; 428/210; 428/901	Dejima; Hiroki et al.
US 5414531 A	USPAT	19950509		Image forming control based on a stored operation condition	358/465	358/466	Amemiya; Koji et al.
US 5404057 A	USPAT	19950404		Output circuit for outputting signals having different logical amplitudes	326/63	326/121; 326/21; 326/57; 375/295	Hasegawa; Takashi
US 5342914 A	USPAT	19940830		Curable composition	528/32	525/403; 528/25; 528/30; 528/31; 528/34; 528/38; 528/40; 528/41	Iwakiri; Hiroshi et al.
US 5335053 A	USPAT	19940802		Image forming apparatus with grounded conductive member contacting a recording sheet bearing member	399/90	361/225; 399/303	Hasegawa; Takashi
US 5313308 A	USPAT	19940517		Image forming apparatus which changes its tone reproducing property in accordance with ambient conditions	358/406	358/300; 358/504; 399/9	Hasegawa; Takashi et al.
US 5286780 A	USPAT	19940215		Curable composition	524/500	525/403; 525/409; 528/25	Iwakiri; Hiroshi et al.
US 5281626 A	USPAT	19940125		Benzenesulfonamide derivatives	514/603	540/575; 540/597; 540/606; 544/335; 546/133; 546/171; 546/208; 546/223;	Oinuma; Hitoshi et al.

						546/268.1; 546/272.7; 546/276.4; 546/284.7; 546/337; 548/193; 548/568; 558/391; 560/138; 562/428; 564/86	
US 5276483 A	USPAT	19940104		Image forming apparatus provided with an attraction charger controlled by one or more ambient conditions	399/44	399/46; 399/66	Hasegawa; Takashi et al.
US 5270855 A	USPAT	19931214		Microscope having a focus-adjusting mechanism	359/368	359/383; 359/392	Hasegawa; Takashi
US 5249021 A	USPAT	19930928		Image forming apparatus having recording material carrying means	399/303	399/310	Hasegawa; Takashi et al.
US 5223597 A	USPAT	19930629		Curable composition	528/31	252/182.14; 525/409; 528/33; 528/35	Iwakiri; Hiroshi et al.
US 5187536 A	USPAT	19930216		Image forming apparatus	399/300		Hasegawa; Takashi et al.
US 5172172 A	USPAT	19921215		Image forming apparatus	399/303	399/315	Amemiya; Koji et al.
US 5165062 A	USPAT	19921117		Automatic printing system	355/27	355/100; 355/85; 355/86; 355/87; 355/89; 355/97; 355/99	Ogura; Toshiyuki et al.
US 5152361 A	USPAT	19921006		Motorcycle	180/230	180/227; 180/229; 474/13	Hasegawa; Takashi et al.
US 5132737 A	USPAT	19920721		Image forming apparatus with adsorption means	399/303		Takeda; Atsushi et al.
US 5130758 A	USPAT	19920714		Image forming apparatus with means for separating the recording material from a carrying means	399/304	271/308	Takeda; Atsushi et al.

US 5086318 A	USPAT	19920204		Image forming apparatus having transfer material carrying device	399/303	271/308; 271/312; 271/900; 347/112; 399/222; 399/310	Takeda; Atsushi et al.
US 5083167 A	USPAT	19920121		Image forming apparatus for supplying different amounts of electric charge to an end portion of a transfer material	399/303	399/315	Fukushima; Satoru et al.
US 5053548 A	USPAT	19911001		Biphenyl derivative composition for nerve cell degeneration repairing or protective agent and process for preparing a phenyl derivative contained in the composition	568/47	548/203; 548/537; 548/556; 564/219; 564/337; 568/33; 568/331; 568/636; 568/643; 568/660; 568/730	Tanaka; Tatsuyoshi et al.
US 5019871 A	USPAT	19910528		Apparatus for electrostatically absorbing an image supporting material on an image supporting carrying member based on the kind of material used	399/66	226/94; 271/193; 399/304	Takeda; Atsushi et al.
US 4998276 A	USPAT	19910305		Dial signal generator for generating dial pulse signal and dual tone multi-frequency signal	379/361	379/362	Hasegawa; Takashi
US 4914737 A	USPAT	19900403		Image forming apparatus	399/303	399/310; 399/315	Amemiya; Koji et al.
US 4912515 A	USPAT	19900327		Image forming apparatus	399/44	399/66	Amemiya; Koji et al.
US 4908684 A	USPAT	19900313		Solid-state imaging device	257/230	257/223; 257/224; 257/E27.162; 348/314; 377/58	Koike; Norio et al.
US 4866305 A	USPAT	19890912		Multiple-input multiple-output decoding circuit	326/106	327/427; 327/437; 341/50	Hasegawa; Takashi
US 4862487 A	USPAT	19890829		Solid-state imaging device	377/58	257/232; 257/246;	Ando; Haruhisa et

						257/250; 257/E27.154; 327/515; 348/296	al.
US 4814848 A	USPAT	19890321		Solid-state imaging device	257/223	257/222; 257/233; 257/E27.162; 348/248	Akimoto; Hajime et al.
US 4785771 A	USPAT	19881122		Fuel injection control apparatus with forced fuel injection during engine startup period	123/179.17	123/359; 123/479; 123/491; 123/494; 73/119A	Ibuki; Noritaka et al.
US 4778119 A	USPAT	19881018		Magnetic tape wind-up method and apparatus	242/548.2	226/190; 242/547	Yamazaki; Tsuneo et al.
US 4766864 A	USPAT	19880830		Fuel injection control based on spill port opening timing correction	123/357	123/381; 123/506	Ban; Mitsu ru et al.
US 4741953 A	USPAT	19880503		Magnetic recording medium	428/323	427/131; 428/329; 428/839.3; 428/900	Katsuta; Yoshiharu et al.
US 4727835 A	USPAT	19880301		Fuel injection device in diesel engine	123/198DB	123/458; 123/479; 123/506	Kobayashi; Fumiaki et al.
US 4714068 A	USPAT	19871222		Method and device for controlling fuel injection quantity of electronic control diesel engine	123/506	123/357; 123/458	Nagase; Masaomi et al.
US 4705000 A	USPAT	19871110		Apparatus and method for controlling amount of fuel injected into engine cylinders	123/357	123/494; 73/119A	Matsumura; Toshimi et al.
US 4689687 A	USPAT	19870825		Charge transfer type solid-state imaging device	348/322	257/221; 257/222; 257/232; 257/E27.154; 348/248	Koike; Norio et al.
US 4667634 A	USPAT	19870526		Method and apparatus for controlling amount of fuel injected into engine cylinders	123/357	123/436	Matsumura; Toshimi et al.
US 4621291 A	USPAT	19861104		Solid-state imaging device	348/303	348/241; 348/310	Takemoto; Iwao et al.
US 4608297 A	USPAT	19860826		Multilayer composite soft magnetic material comprising amorphous and insulating layers	428/811.3	360/125; 360/126; 428/216; 428/426;	Shimada; Yutaka et al.

				and a method for manufacturing the core of a magnetic head and a reactor		428/433; 428/469; 428/472; 428/689; 428/697; 428/698; 428/699; 428/701; 428/702; 428/900	
US 4578707 A	USPAT	19860325		Method of reducing vertical smears of a solid state image sensor	348/248		Ozawa; Naoki et al.
US 4577231 A	USPAT	19860318		High sensitivity solid-state imaging device	348/303	257/E27.133; 348/241; 348/250; 348/310	Ohba; Shinya et al.
US 4551742 A	USPAT	19851105		Solid-state imaging device	257/291	257/292; 257/462; 257/67; 257/E27.139	Takemoto; Iwao et al.
US 4544462 A	USPAT	19851001		Process for removing metal surface oxide	205/349	205/637; 205/706; 205/712	Furutani; Yasumasa et al.
US 4532549 A	USPAT	19850730		Solid-state imaging device with high quasi-signal sweep-out efficiency and high signal charge transfer efficiency	348/304	257/E27.133; 348/306; 348/310	Ozaki; Toshifumi et al.
US 4514270 A	USPAT	19850430		Process for regenerating cleaning fluid	205/702	204/237; 204/252; 205/750; 976/DIG.376	Furutani; Yasumasa et al.
US 4504728 A	USPAT	19850312		Arc welding robot control system	219/125.1	901/42	Ukai; Jun et al.
US 4503821 A	USPAT	19850312		Apparatus and method for controlling amount of fuel injected into engine cylinders	123/357	123/488	Miyaki; Masahiko et al.
US 4494511 A	USPAT	19850122		Fuel injection system for internal combustion engines	123/463	123/470; 123/478; 261/69.2	Ito; Osamu et al.
US 4492771 A	USPAT	19850108		Process for producing carbon material for desulfurization from a binder with a blend of noncoking and coking coal	502/420	264/29.3; 264/29.7; 423/242.1; 502/413; 502/433; 502/435; 502/436	Hasegawa; Takashi et al.

US 4456929 A	USPAT	19840626		Solid state image pick-up apparatus	348/304	257/291; 348/308	Aoki; Masakazu et al.
US 4413283 A	USPAT	19831101		Solid-state imaging device	348/304	348/305; 348/308	Aoki; Masakazu et al.
US 4411539 A	USPAT	19831025		Print element with plural type layers of varying thickness	400/144.2	101/93.03; 101/93.17; 400/174	Iwata; Nobuo et al.
US 4392158 A	USPAT	19830705		Interlaced solid-state imaging device	348/305	257/E27.133; 348/308	Aoki; Masakazu et al.
US 4363559 A	USPAT	19821214		Print wheel mounting assembly for serial printer	400/175	400/144.2; 400/144.3	Suzuki; Takami et al.
US 4357635 A	USPAT	19821102		Disc memory apparatus	360/51	360/48; 360/73.03; 369/47.28; 369/47.48	Hasegawa; Takashi
US 4349743 A	USPAT	19820914		Solid-state imaging device	348/303	257/215; 257/445; 257/E27.133; 348/308	Ohba; Shinya et al.
US 4332931 A	USPAT	19820601		Process for producing unsaturated polyester	528/297	525/444; 525/445; 528/304	Hasegawa; Takashi et al.
US 4323912 A	USPAT	19820406		Solid-state imaging device	257/293	257/444; 257/E27.141	Koike; Norio et al.
US 4295055 A	USPAT	19811013		Circuit for generating scanning pulses	377/76	377/79	Takemoto; Iwao et al.
US 4274113 A	USPAT	19810616		Solid-state imaging device	348/300	348/241	Ohba; Shinya et al.
US 4267469 A	USPAT	19810512		Solid-state imaging device having a clamping circuit for drawing out excess charge	327/515	257/229; 257/233; 257/443; 257/E27.139; 327/434; 377/79	Ohba; Shinya et al.
US 4209806 A	USPAT	19800624		Solid-state imaging device	348/308	257/218; 257/231; 257/E27.06; 257/E27.133; 348/310	Koike; Norio et al.
US 4134258 A	USPAT	19790116		Fuel control system	60/790	60/39.281	Hobo; Nobuhito et al.
US 4121553 A	USPAT	19781024		Electric ignition advance system	123/406.6		Hasegawa; Takashi
US 4098244 A	USPAT	19780704		Control system for an internal combustion	123/406.23		Sumiyoshi; Masaharu et

				engine			al.
US 3968270 A	USPAT	19760706		Process for preparation of metal coatings	427/472	204/164; 427/598	Hasegawa; Takashi
US 3841919 A	USPAT	19741015		ALUMINUM- SILICON- MAGNESIUM TERNARY SUPERPLASTIC ALLOY AND METHOD FOR MANUFACTURE THEREOF	148/550	148/440; 148/552; 148/564; 420/902	Hasegawa; Takashi et al.